**Exercise 4**

*What are ‘escape sequences’?*

Escape sequences start with a \. They can be used to conduct special actions, such as starting a newline. Hence, the escape sequence is a character that is translated into another character, hence the escape sequence doesn’t represent itself.

*What standard ‘escape sequences’ are defined in C++? What are their meanings?*

Sequence: Meaning

\a

\b

\f

\n

\r

\t

\v

\\ backslash

? or \? question mark

\’ single quote

\” double quote

\0 the null character

\ooo octal

\xhhh hexadecimal

\uxxxx Unicode (UTF-8)

\Uxxxxxxxx Unicode (UTF-16)

*What happens if another character is written as an escape sequence?*